

[US 010318]

In the claims:

1. (Currently Amended) A method for processing content-related information for delivery to a processing device configured to support an electronic program guide of a first type, the method comprising:

configuring a reference information object model for use with the content-related information in accordance with a unified modeling language format, the reference information object model comprising a plurality of directly or indirectly interrelated classes each having at least one specified property, the reference information object model defining a set of requirements, the set of requirements relating to at least one type of content; and configuring at least a portion of the content-related information for consistency with corresponding portions of the reference information model when the content-related information satisfies the set of requirements, the portion of the content-related information so configured thereby being selectively extractable by the electronic program guide of the first type and at least a second electronic program guide of a second type different than the first type in accordance with a specified semantic and syntactic consensus.

2. (Cancelled)

3. (Previously Presented) The method of claim 1, wherein the content-related information comprises one or more documents in an extensible mark-up language.

4. (Previously Presented) The method of claim 1, wherein the the specified property utilizes one or more attributes, relationships and states.

5. (Previously Presented) The method of claim 1, wherein the reference information model comprises a plurality of elements including one or more enumeration elements and one or more of the classes, a given one of the plurality of classes being associated with at least a subset of the enumeration elements and at least a subset of the remaining classes.

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6. (Previously Presented) The method of claim 5, wherein the given one of the plurality of classes comprises a program class element, and the remaining class elements comprise one or more of movie, episode, personnel, cast, credits, station and designated market area class elements.

7. (Previously Presented) The method of claim 5, wherein instances of the classes are configured as objects in an object-oriented programming format, and one or more of the objects contain structures represented as attributes.

8. (Cancelled)

9. (Previously Presented) The method of claim 1, wherein the configuring further comprises generating one or more schema associated with the electronic program guide of the first type, the schema being generated based at least in part on an associated portion of the reference information model, and utilizing the schema to generate one or more documents comprising the content-related information.

10. (Previously Presented) The method of claim 9, wherein the configuring further comprises generating a plurality of different schema, each of the schema being associated with one or more of the electronic program guide of the first type and an electronic program guide of a second type different than the first type, each of the schema being utilized to generate one or more documents comprising the content-related information.

11. (Previously Presented) The method of claim 1, wherein the reference information object model is generated utilizing an iterative process in which an initial version of the model is generated using a first set of data specifications, and at least one subsequent version of the model is generated from the initial version using at least a second set of data specifications.

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12. (Previously Presented) The method of claim 11, wherein the at least one subsequent version of the model is periodically updated in accordance with one or more sets of updated data specifications.

13. (Previously Presented) The method of claim 1, wherein the configuring comprises transforming the content-related information from a first format not compliant with the reference information model to a second format compliant with the reference information model.

14. (Previously Presented) The method of claim 13, wherein the content-related information in the first format comprises one or more documents for use with an electronic program guide of a type not based on the reference information model, and further, wherein the documents are converted to the second format so as to be utilizable at least by the electronic program guide of the first type.

15. (Previously Presented) The method of claim 13, wherein the transforming utilizes an extensible mark-up language style sheet generated at least in part utilizing the content-related information in the first format and the reference information model.

16. (Currently Amended) A method for use in a processing device configured to support an electronic program guide of a first type for processing content-related information, the method comprising:

- receiving the content-related information;
- configuring a reference information object model in accordance with a unified modeling language format;
- defining a set of requirements for the reference information object model, the set of requirements relating to at least one type of content;
- configuring at least a portion of the received content-related information for consistency with corresponding portions of the reference information model, when the received content-related information satisfies the set of requirements;

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selectively extracting the portion of the content-related information so configured by at least the electronic program guide of the first type and at least a second electronic program guide of a second type different than the first type in accordance with a specified semantic and syntactic consensus, wherein the content-related information comprises one or more documents in an extensible markup language; and  
processing the content-related information to generate a corresponding output at processing devices associated with respective electronic program and second electronic program guides.

17. (Currently Amended) An apparatus for processing content-related information for delivery to a processing device configured to support an electronic program guide of a first type, the apparatus comprising:

a processor operative to configure at least a portion of the content-related information for consistency with corresponding portions of a reference information object model that defines a set of requirements and is configured in accordance with a unified modeling language format, the set of requirements relating to at least one type of content, the portion of the content-related information so configured thereby upon satisfying the set of requirements being selectively extractable by at least the electronic program guide of the first type and at least a second electronic program guide of a second type different than the first type in accordance with a specified semantic and syntactic consensus, wherein the content-related information comprises one or more documents in an extensible markup language; and  
a memory coupled to the processor, for at least temporarily storing at least a portion of the content-related information.

18. (Currently Amended) An apparatus associated with a processing device configured to support an electronic program guide of a first type for processing content-related information, the apparatus comprising:

a processor operative to implement at least a portion of the electronic

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program guide of the first type for processing the content-related information, at least a portion of the content-related information being configured for consistency with corresponding portions of a reference information object model that defines a set of requirements and is configured in accordance with a unified modeling language format, the set of requirements relating to at least one type of content, the portion of the content-related information so configured thereby upon satisfying the set of requirements being selectively extractable by at least the electronic program guide of the first type and at least a second electronic program guide of a second type different than the first type in accordance with a specified semantic and syntactic consensus, wherein the content-related information comprises one or more documents in an extensible markup language; and

a memory coupled to the processor, for at least temporarily storing at least a portion of the content-related information.

19. (Currently Amended) An article of manufacture comprising a ~~machine~~ computer-readable storage medium ~~containing~~ storing, one or more software programs for processing content-related information for delivery to a processing device configured to support an electronic program guide of a first type, wherein the one or more software programs ~~when are~~ are executed on the processing device implementing the steps of:

determining a reference information object model based on a unified modeling language format for use with the content-related information, the reference information object model comprising a plurality of directly or indirectly interrelated classes each having at least one specified property, the reference information object model defining a set of requirements, the set of requirements relating to at least one type of content; and

configuring at least a portion of the content-related information for consistency with corresponding portions of the reference information - object model when the content-related information satisfies the set of requirements, the portion of the content-related information so configured

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thereby being selectively extractable by the electronic program guide of the first type and at least a second electronic program guide of a second type different than the first type in accordance with a specified semantic and syntactic consensus.